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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 1441-00109

First Inventor or Application Identifier S. Ward Casscells III

Title Method and Apparatus for Detection of Vulnerable Atheroscl

Express Mail Label No. EM208785472US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Specification [Total Pages 82]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 U.S.C. 113) [Total Sheets 10]
4. Oath or Declaration [Total Pages]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

Assistant Commissioner for Patents
ADDRESS TO: Box Patent Application
Washington, DC 20231

5. Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. Assignment Papers (cover sheet & document(s))
8. 37 C.F.R. § 3.73(b) Statement Power of (when there is an assignee) Attorney
9. English Translation Document (if applicable)
10. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
11. Preliminary Amendment
12. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
 - * Small Entity Statement(s) Statement filed in prior application, (PTO/SB/09-12) Status still proper and desired
13. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
14. Other:
15. Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation Divisional Continuation-in-part (CIP)

of prior application No. 08/717,449

Prior application information: Examiner R. Smith

Group / Art Unit: 3737

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

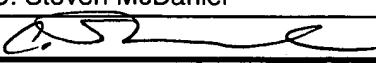
17. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

 Correspondence address below

Name	C. Steven McDaniel					
	Conley, Rose & Tayon, P.C.					
Address	PO Box 3267					
	City		Houston	State	TX	Zip Code
Country	USA	Telephone	713-238-8000		Fax	713-238-8008

Name (Print/Type)	C. Steven McDaniel		Registration No. (Attorney/Agent)	33,962
Signature			Date	11-9-98

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB-09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$)

723.00

Complete if Known

Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	S. Ward Casscells III
Examiner Name	Not Yet Assigned
Group / Art Unit	Not Yet Assigned
Attorney Docket No.	1441-00109

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 03-2769
Deposit Account Name Conley, Rose & Tayon, P.C.

Charge Any Additional Fee Required Under 37 C.F.R. §§ 1.16 and 1.17 Charge the Issue Fee Set in 37 C.F.R. § 1.18 at the Mailing of the Notice of Allowance

2. Payment Enclosed:

Check Money Order Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	790	201 395 Utility filing fee	\$395
106	330	206 165 Design filing fee	
107	540	207 270 Plant filing fee	
108	790	208 395 Reissue filing fee	
114	150	214 75 Provisional filing fee	
SUBTOTAL (1) (\$)		395	

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	35	-20** = 15	$15 \times 11 = \$165$
Independent Claims	6	-3*** = 3	$3 \times 41 = \$123$
Multiple Dependent		N/A	0

**or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	22	203 11 Claims in excess of 20
102	82	202 41 Independent claims in excess of 3
104	270	204 135 Multiple dependent claim, if not paid
109	82	209 41 ** Reissue independent claims over original patent
110	22	210 11 ** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		683.00

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205 65 Surcharge - late filing fee or oath	
127	50	227 25 Surcharge - late provisional filing fee or cover sheet	
139	130	139 130 Non-English specification	
147	2,520	147 2,520 For filing a request for reexamination	
112	920*	112 920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	
115	110	215 55 Extension for reply within first month	
116	400	216 200 Extension for reply within second month	
117	950	217 475 Extension for reply within third month	
118	1,510	218 755 Extension for reply within fourth month	
128	2,060	228 1,030 Extension for reply within fifth month	
119	310	219 155 Notice of Appeal	
120	310	220 155 Filing a brief in support of an appeal	
121	270	221 135 Request for oral hearing	
138	1,510	138 1,510 Petition to institute a public use proceeding	
140	110	240 55 Petition to revive - unavoidable	
141	1,320	241 660 Petition to revive - unintentional	
142	1,320	242 660 Utility issue fee (or reissue)	
143	450	243 225 Design issue fee	
144	670	244 335 Plant issue fee	
122	130	122 130 Petitions to the Commissioner	
123	50	123 50 Petitions related to provisional applications	
126	240	126 240 Submission of Information Disclosure Stmt	
581	40	581 40 Recording each patent assignment per property (times number of properties)	
146	790	246 395 Filing a submission after final rejection (37 CFR 1.129(a))	40
149	790	249 395 For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify) _____			
Other fee (specify) _____			
Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$)	40.00

SUBMITTED BY

Typed or Printed Name	C. Steven McDaniel	Complete (if applicable)
Signature		Reg. Number 33,962
Date	11-9-58	Deposit Account User ID 03-2769

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.